

Carlos A. Ayala Paz

Dental Surgeon

COP: 13699

Specialist in Orthodontics

Certified RNE COP: 398

June, 08 1977

Peruvian

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Dental surgeon (1)

Orthodontist (3) and Master in Stomatology with mention in Orthodontics at the Peruvian University Cayetano Heredia (3)

ALADO award winner in 2003 (Latin American Orthodontic Association).

Creator of From Macro to Micro photo_course for comprehensive management of photography and dental macro-photography since 2013

Author of "The Workbook" (2016) Sao Paulo, Brazil: Quintessence Editorial.



Academic Training:

1. San Martín de Porres University
Faculty of Dentistry: 1994-2000
2. Cayetano Heredia University
Specialization in Orthodontics: 2002 - 2005
3. Cayetano Heredia University
Master in Stomatology with mention in Orthodontics : 2010 – 2012



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FROM
MACRO
TO
MICRO
2 DAY PHOTO-COURSE



**From Macro to Micro
has been successfully performed more over than 112 times in 62 cities and 26 countries:**

1. Cuenca - Ecuador: August 24-25 2013
2. Lima - Perú: June 1-2 2013
3. Lima - Perú: September 27-28 2013
4. São Paulo - Brazil: October 18-19 2013
5. São Paulo - Brazil: October 21-22 2013
6. San José - Costa Rica: November 8-9 2013
7. Caracas - Venezuela: November 20-24 2013
8. Rosario - Argentina: December 6-7 2013
9. Morelia - México: February 21- 22 2014
10. León - México: February&March 28-1 2014
11. Lima - Perú: March 28-29 2014
12. Monterrey - México: April 3-4 2014
13. Orlando - Florida: May 2 2014
14. Madrid - Spain: May 9-10 2014
15. Panama City - Panama: July 16-17 2014
16. Buenos Aires - Argentina: August 21-22 2014
17. St. Petersburg - Russia: September 22-23 2014
18. Moscow - Russia: September 25-26 2014
19. São Paulo - Brazil: October 14-15 2014
20. São Paulo - Brazil: October 17-18 2014

Avioli

FROM MACRO TO MICRO 2015

2 DAY PHOTO-COURSE

BUENOS AIRES - ARGENTINA: JULY 19-20
QUITO - ECUADOR: JULY 24-25
BOGOTA - COLOMBIA: AUGUST 7-8
MOSCOW - RUSSIA: OCTOBER 1-2
VILNIUS - LITHUANIA: OCTOBER 9-10
CIUDAD DE GUATEMALA - GUATEMALA: OCTOBER 16-17
LATACUNGA - ECUADOR: OCTOBER 28-29
COCHABAMBA - BOLIVIA: NOVEMBER 6-7
AREQUIPA - PERU: NOVEMBER 13-14
CAMPO GRANDE - BRASIL: NOVEMBER 25-26
RIO DE JANEIRO - BRASIL: DECEMBER 2-3
RIO DE JANEIRO - BRASIL: DECEMBER 3-4

LEON - MEXICO: JANUARY 23-24
MORELIA I - MEXICO: JANUARY 28-29
MORELIA II - MEXICO: JANUARY 30-31
LIMA - PERU: FEBRUARY 21-22
LIMA - PERU: MARCH 28-29
SAINT PETERSBURG - RUSSIA: APRIL 9-10
EKATERINBURG - RUSSIA: APRIL 12-13
STAVROPOL - RUSSIA: APRIL 16-17
MOSCOW - RUSSIA: APRIL 19-20
BOGOTA - COLOMBIA: MAY 15-16
MOSCOW - RUSSIA: OCTOBER
SAO PAULO - BRASIL: MAY 25-26
SAO PAULO - BRASIL: MAY 29-30
SOPOT - POLAND: JUNE 6-7
VILNUS - LITHUANIA: JUNE 12-13
BARCELONA - SPAIN: JUNE 19-20
MALAGA - SPAIN: JUNE 22-23

21. León - Mexico: 23-24 January 2015
22. Morelia (1st group) - Mexico: 28-29 January 2015
23. Morelia (2nd group) - Mexico: 30-31 January 2015
24. Lima - Perú: 21-22 February 2015
25. Lima - Perú: 28-29 March 2015
26. St. Petersburg - Russia: April 9-10 2015
27. Ekaterimburg - Russia: April 12-13 2015
28. Stavropol - Russia: April 16-17 2015
29. Moscú - Russia: April 19-20 2015
30. Bogotá - Colombia: May 15-16 2015
31. Sao Paulo - Brazil: May 25-26 2015
32. Sao Paulo - Brazil: May 29-30 2015
34. Sopot - Poland: June 6-7 2015
35. Vilnius - Lithuania: June 12-13 2015
36. Barcelona - Spain: June 19-20 2015
37. Malaga - Spain: June 22-23 2015
38. Buenos Aires - Argentina: July 19-20 2015
39. Quito - Ecuador: July 24-25 2015
40. Bogota - Colombia: August 7-8 2015



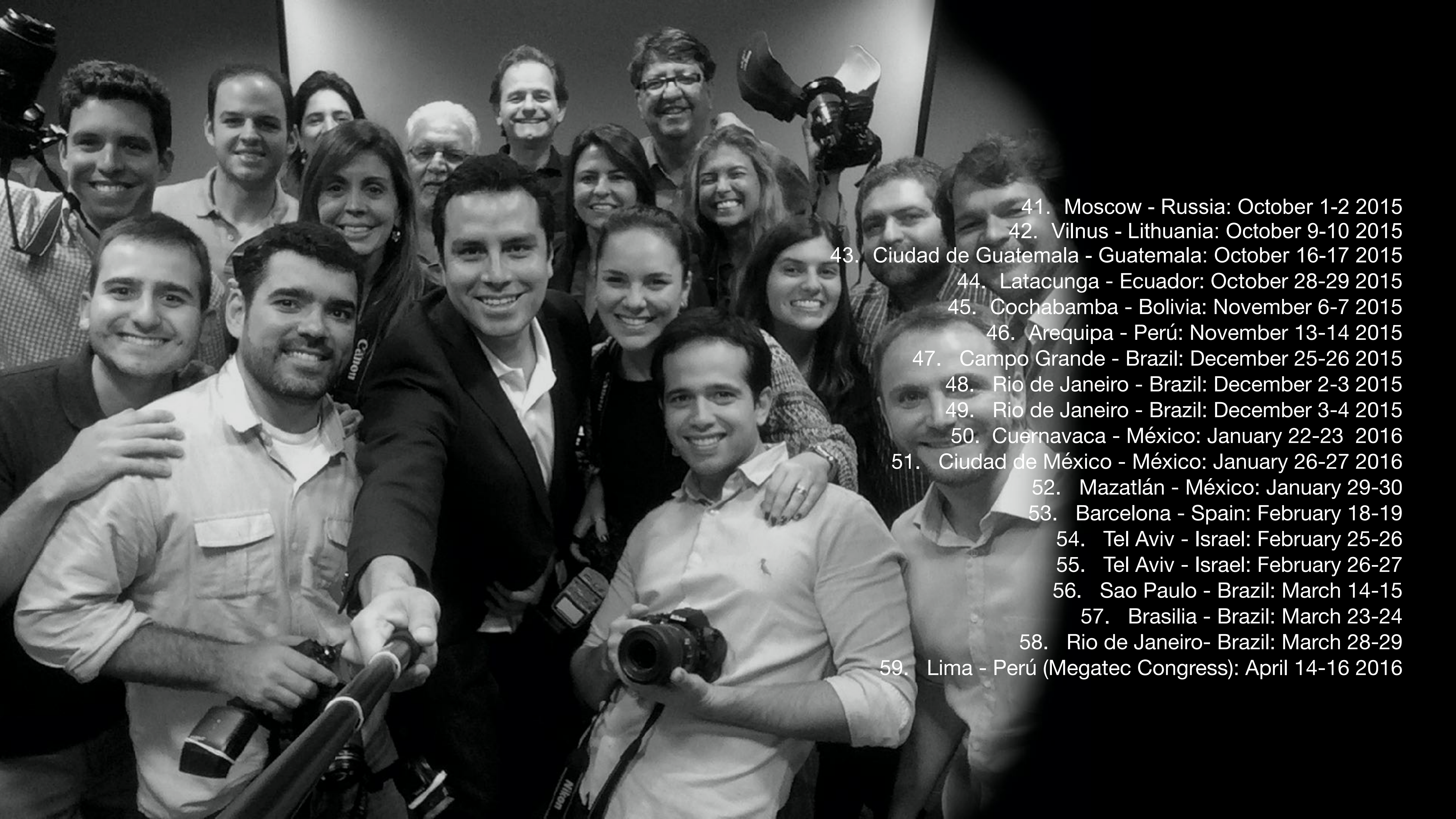


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FROM MACRO
TO
MICRO
2016
2 DAY PHOTO-COURSE

CAMPO GRANDE - BRASIL: JULY 21-22
BELEN - BRASIL: JULY 25-26
FORTALEZA - BRASIL: JULY 29-30
CULIACAN - MEXICO: AUGUST 6-7
LEON - MEXICO: AUGUST 12-13
PATZCUARO - MEXICO: AUGUST 16-17
LOS ALGODONES - MEXICO: AUGUST 19-20
ASUNCION - PARAGUAY: SEPTEMBER 9-10
PORTO - PORTUGAL: SEPTEMBER 16-17
SAN JUAN - PUERTO RICO: OCTOBER 7-8
LA PAZ - BOLIVIA: OCTOBER 15-16
NATAL - BRASIL(SBOE CONGRESS): NOVEMBER 16-19

CUERNAVACA - MEXICO: JANUARY 22-23
DF - MEXICO: JANUARY 26-27
MAZATLAN - MEXICO: JANUARY 29-30
BARCELONA - ESPAÑA: FEBRUARY 18-19
TEL AVIV - ISRAEL: FEBRUARY 25-26
TEL AVIV - ISRAEL: FEBRUARY 26-27
SAO PAULO - BRASIL: MARCH 14-15
BRASILIA - BRASIL: MARCH 23-24
RIO - BRASIL: MARCH 28-29
LIMA - PERU (MEGATEC CONGRESS): APRIL 14-16
LIMA - PERU: MAY 24-25
BUENDS AIRES - ARGENTINA: JUNE 10-11



- 41. Moscow - Russia: October 1-2 2015
- 42. Vilnius - Lithuania: October 9-10 2015
- 43. Ciudad de Guatemala - Guatemala: October 16-17 2015
- 44. Latacunga - Ecuador: October 28-29 2015
- 45. Cochabamba - Bolivia: November 6-7 2015
- 46. Arequipa - Perú: November 13-14 2015
- 47. Campo Grande - Brazil: December 25-26 2015
- 48. Rio de Janeiro - Brazil: December 2-3 2015
- 49. Rio de Janeiro - Brazil: December 3-4 2015
- 50. Cuernavaca - México: January 22-23 2016
- 51. Ciudad de México - México: January 26-27 2016
- 52. Mazatlán - México: January 29-30
- 53. Barcelona - Spain: February 18-19
- 54. Tel Aviv - Israel: February 25-26
- 55. Tel Aviv - Israel: February 26-27
- 56. Sao Paulo - Brazil: March 14-15
- 57. Brasilia - Brazil: March 23-24
- 58. Rio de Janeiro- Brazil: March 28-29
- 59. Lima - Perú (Megatec Congress): April 14-16 2016



60. Buenos Aires - Argentina: June 10-11
61. Lima - Perú: June 25-26
62. Lima - Perú July 24
65. Culiacán - México: August 6-7
66. León - México: August 12-13 2016
67. Pátzcuaro - México: August 16-17
68. Los Algodones - México: August 19-20
69. San Juan - Costa Rica: August 24-25
70. Monza - Italia: September 9-10
71. Pesaro – ACE Mauro Fradeani Institute Sep.12
72. Vilnius – Lithuania: September 23-24
73. San Juan - Puerto Rico: October 7-8
74. La Paz – Bolivia: October 14-15
74. Fortaleza – Brazil: October 29-30
75. San Juan - Puerto Rico: October 7-8
76. Barcelona - August Bruguera Institute: November 10-11
76. Natal – Brazil SBOE November 16-19
77. Uberlandia - Brazil November 21-11
77. Houston – Douglas Terry Institute: December 1-2
78. Pamplona - Spain: January 13 2017
79. Valencia - Spain: February 3-4 2017
80. Barcelona - Spain: February 11 2017
81. Taipei - Taiwan 1st Group: February 18-19
82. Taipei - Taiwan 2st Group: February 21-22
83. Taipei - Taiwan 3st Group: February 25-26
84. Kiev - Ukraine: March 13-14
85. Miami - USA: March 31- April 1



- 85. New York - NY University: March 22 2017
- 86. Miami – USA: April 1-2 2017
- 87. Buenos Aires – Argentina: April 7-8 2017
- 88. Kuala Lumpur – Malasya (Group 1): May 6-7 2017
- 89. Kuala Lumpur – Malasya (Group 2): May 9-10 2017
- 90. Jakarta - Indonesia: May 13 -14 2017
- 91. Naples - Italy: May 26-27 2017
- 91. Vilnius - Lithuania: June 22-23 2017
- 92. Miami - USA: July 29-30 2017
- 93. New York - USA: August 4 2017
- 94. New York - USA: August 5-6 2017
- 95. Lima - Peru: September 9 2017
- 96. Lima - Peru: September 10 2017



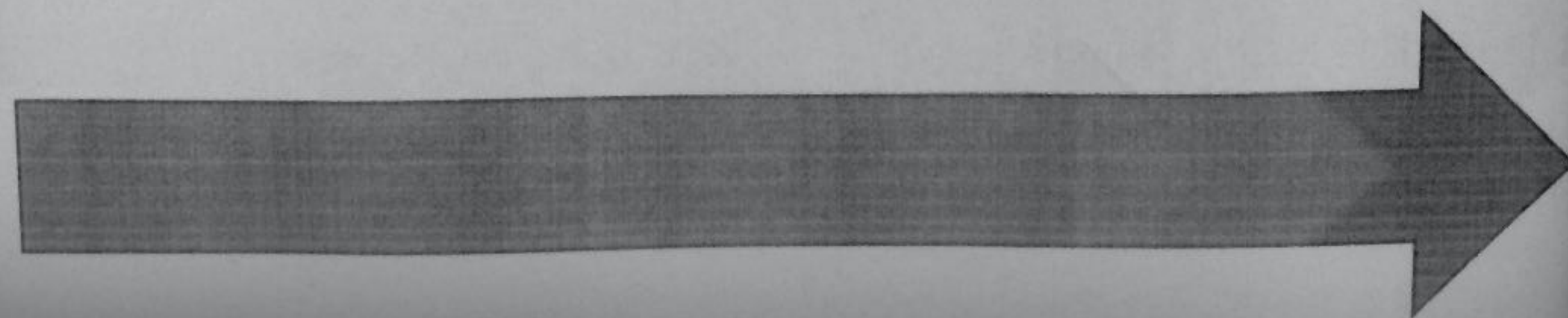
- 97. Poznan - Poland: August 25-26
- 98. Sant Petersburg - Russia: October 27-28 2017
- 99. Barcelona - Spain: November 9-10 2017
- 100. Singapore - Singapore: November 2 - 3 2017
- 101. Singapore - Singapore: November 4 - 5 2017
- 102. Poznan - Poland: January 19-20 2018
- 103. Dublin - Ireland: January 27-28 2018
- 104. Milan - Italy: February 3-4 2018
- 105. Casablanca - Morocco: February 16-17 2018
- 106. Rome - Italy: March 2-3 2018
- 107. Taichung - Taiwan: April 22-24 2018
- 108. New York - USA: April 28-29 2018
- 109. Milan - Italy: May 3-5 2018
- 110. Amman - Jordan: May 10-11 2018
- 111. Tel Aviv - Israel: July 1-2 2018
- 112. Sarria - España: July 13-14 2018
- 113. Lima - Peru: August 30 2018
- 114. San Juan - Puerto Rico: September 28 2018
- 115. Nazareth - Israel: October 7 2018
- 116. Bogota - Colombia: October 26-27 2018
- 117. New York - USA: November 28 2018
- 118. New York - USA: December 1 - 2 2018
- 119. Tel Aviv - Israel: January 4 - 5 2019
- 120. Lima - Peru: January 22 2019
- 121. Vilnius - Lithuania: June 7 - 8 2019
- 122. Staphorst - Netherlands: June 22 2019
- 123. Irapuato - Mexico: 3 - 4 July 2019
- 124. Los Algodones - Mexico: 5 - 6 July 2019
- 125. Madrid - Spain: 8 -9 November 2019
- Worldwide lockdown by COVID situation 2020-2021
- 126. Tunes - Tunes: 26 - 27 February 2022
- 127. Budapest - Hungary: 9 -10 April 2022



"От макро до микро"

мастер-класс по дентальной

фотосъемке





Part I:

Standardizing Concepts

- Understanding dental macro_photography:
Ideal management for dental macro photography.
- Presentation of photographic equipment:
Cameras, lenses, flashes and accessories.
 - Compatibility, cost and benefit.
 - Adaptations for more macro.





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Part II:
**Portrait and macro-photography for smile
with SLR cameras**

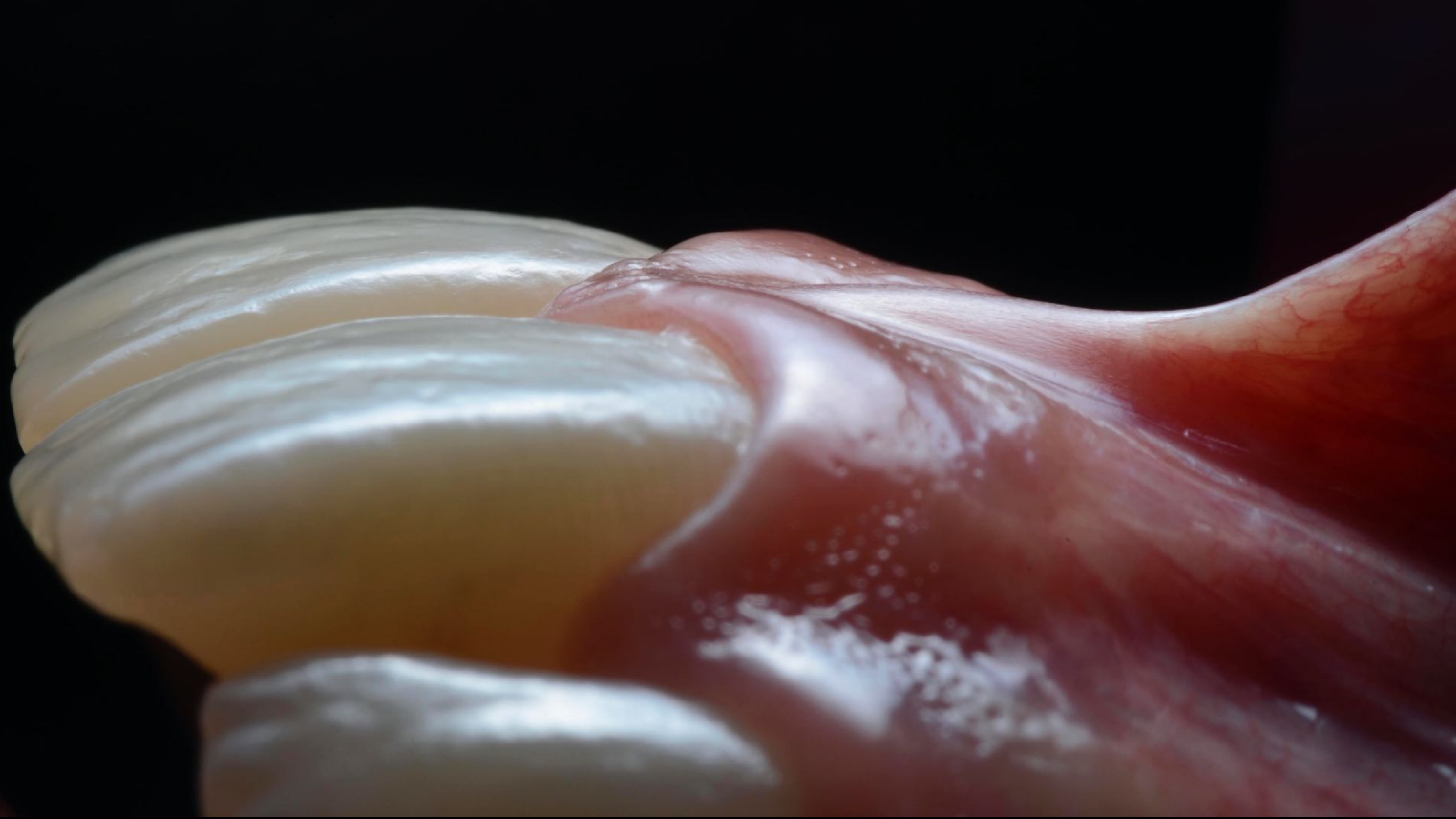
- **Lighting and technique with continuous light and flashes.**
 - Management of light modifiers.
 - Capture lips in artistic mode.











Part III:

Dental Macro-photography with SLR cameras

- Management of macro-flashes and light modifiers.
- Shade communication between clinic and laboratory.
 - Capture of the microtexture and optical effects.
- Dental photography from life-size 1: 1 (1x) to 3:1 (3x).











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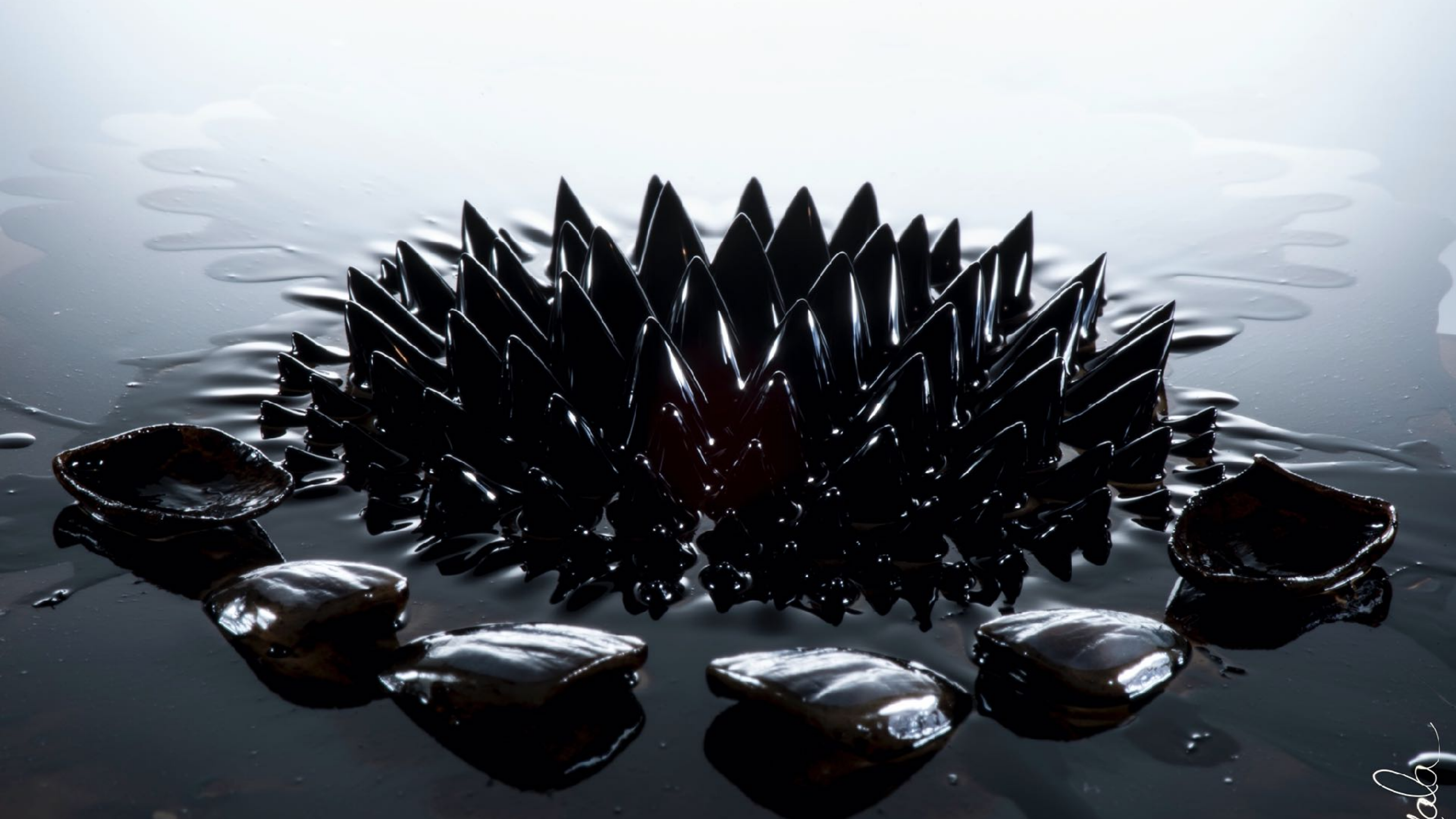
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Part IV.

Photography for the laboratory:

Setup for SLR cameras

Micro-photography with focus-stacking

Cross polarization

Digital image management

- Macro-photography in the dental laboratory:
capture of ceramic and metal small elements.
- Birefringence of enamel: Light and filters



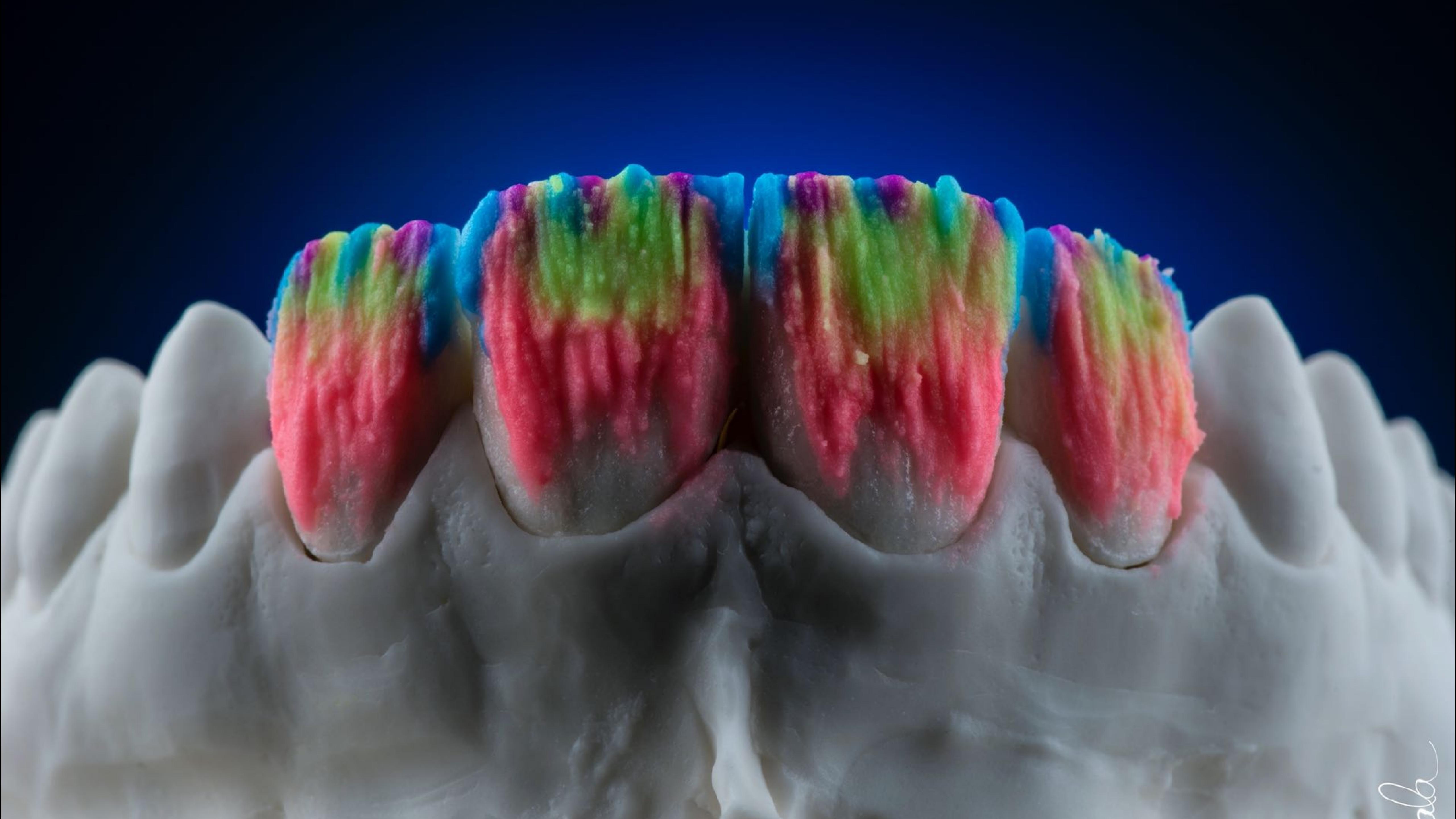


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Duration of the course

16 hours spread over 2 days.



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Equipment requirements *:

SLR digital camera with blank card

Lip separators

Photographic mirrors - rhodium plated

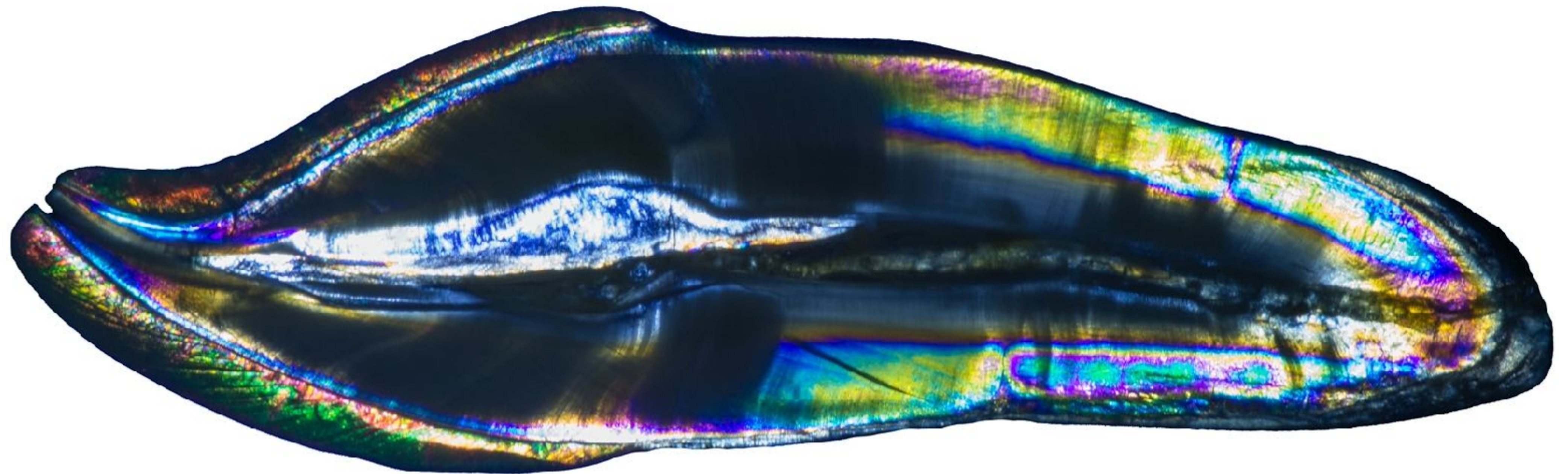
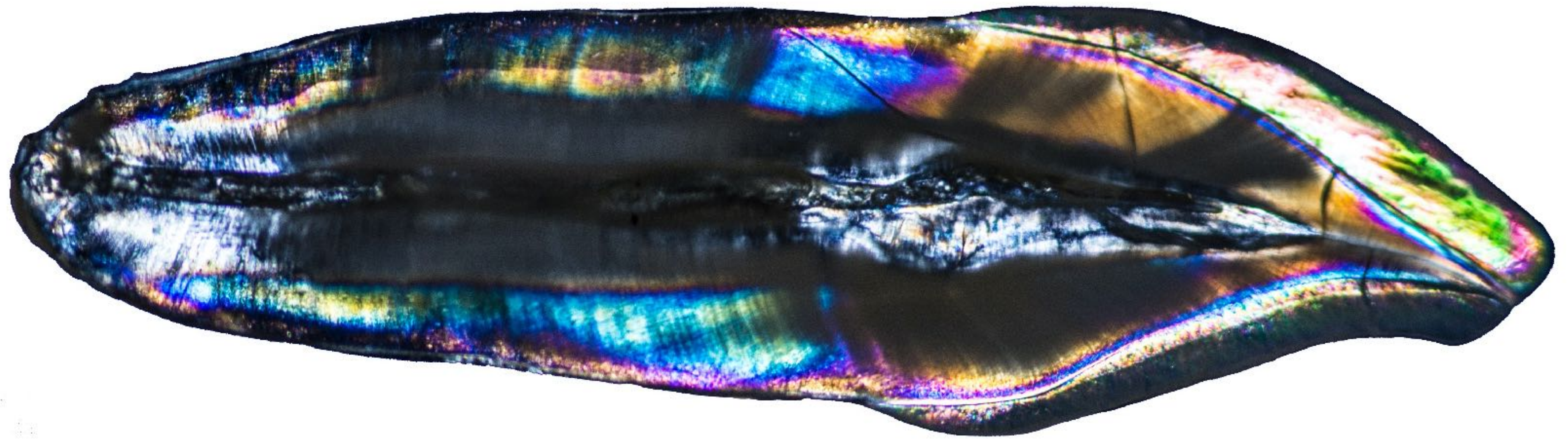
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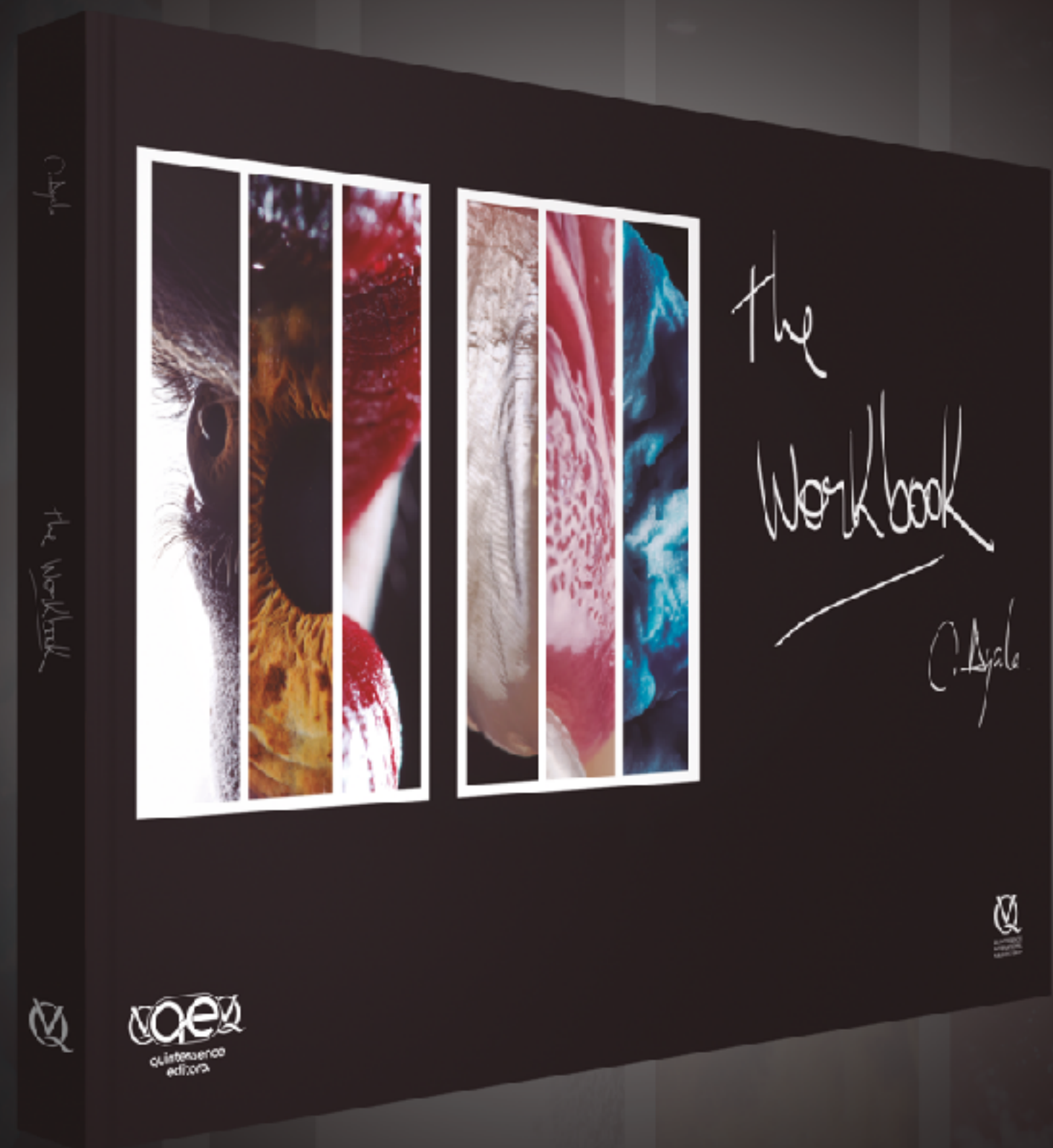
External flashes: Ring, speedlight or twin.

The course provides external flash units.

**** The requirements are not exclusive, participants who do not have camera or equipment***

They are free to take the course to know the monetary value and utility, so they can choose the equipment that meets your technical needs.

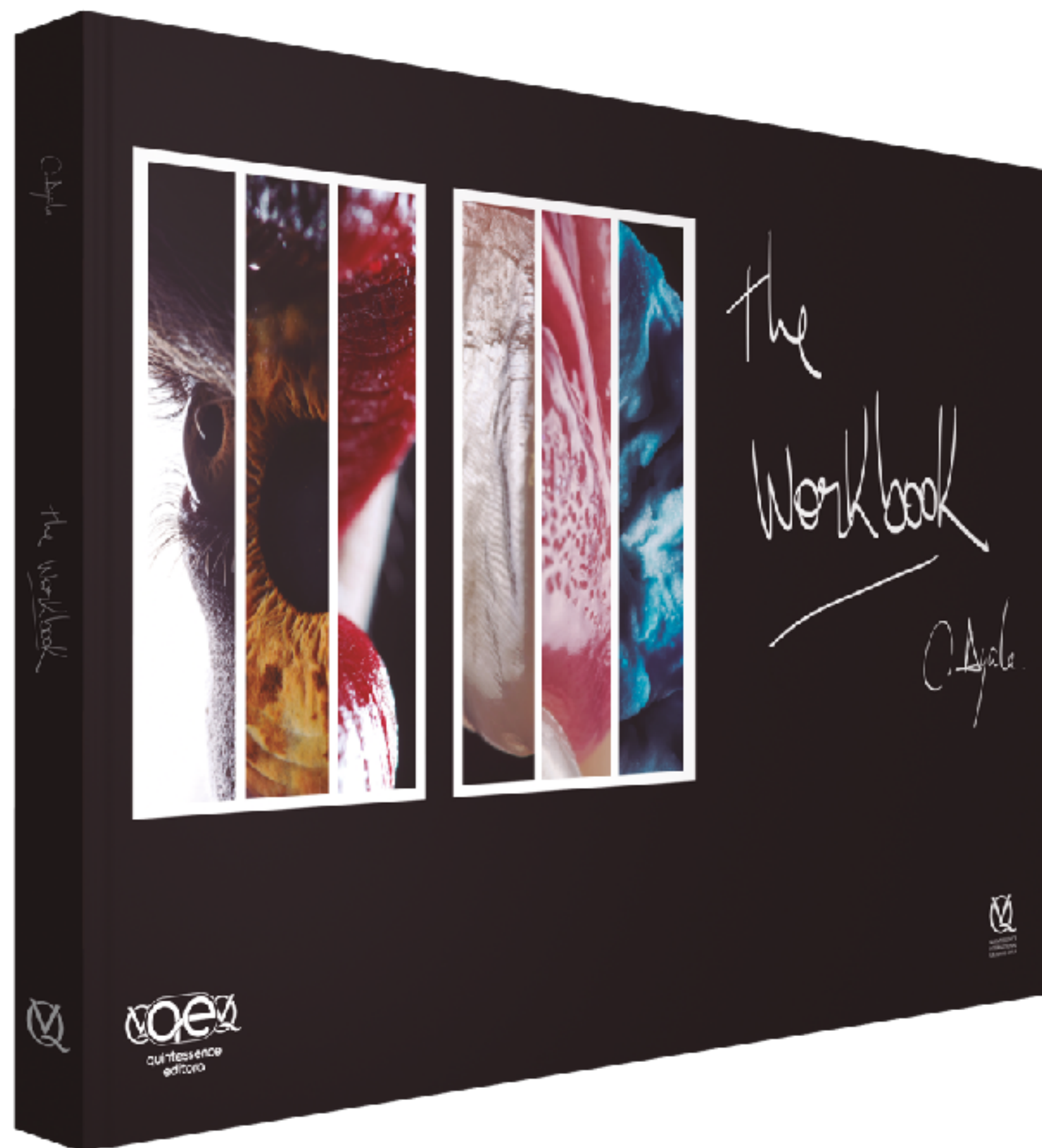




The
Workbook
C. Ayala

quintessence
editoria itda.

quintessence
editoria itda.



What is education without motivation? What is dentistry without appreciation of art&nature?

"The Workbook," is the logical development of great images that were once in my imagination.

In one page -with hand drawings- I explain the equipment that use, the settings of the camera/lens and the position of the flashes. On the next page you will see the result with complementary details.

The workbook is designed to be explored & learn through your eyes from the start at the end with explicit and progressive information. In addition you can find additional –a subliminal- information to be discovered to motivate you to read it many times .

Because its a photography book, does not have printed words, in the 252 pages you will find only photographs, drawings and words written by hand in technical and universal english language.



Content

- Introduction - Common Terms
- I - Possibilities of the speedlites
- II - Shaping the light
- III - The Modifiers
- IV - Illuminating the face
- V - Illuminating the eye
- VI - Lights for Lips
- VII - Lighting for Teeth (MACRO)
- VIII - Lighting for Teeth (MICRO)
- IX - Illuminating the Gingiva
- X - Product photography for the LAB



The Workbook has an art book appearance, printed in Brazil with Pancrom in a large 40 x 28cm format



Carlos Ayala